

NC Department of Public Safety Emergency Management

NCEM Overview & Response To Man-Made Hazards

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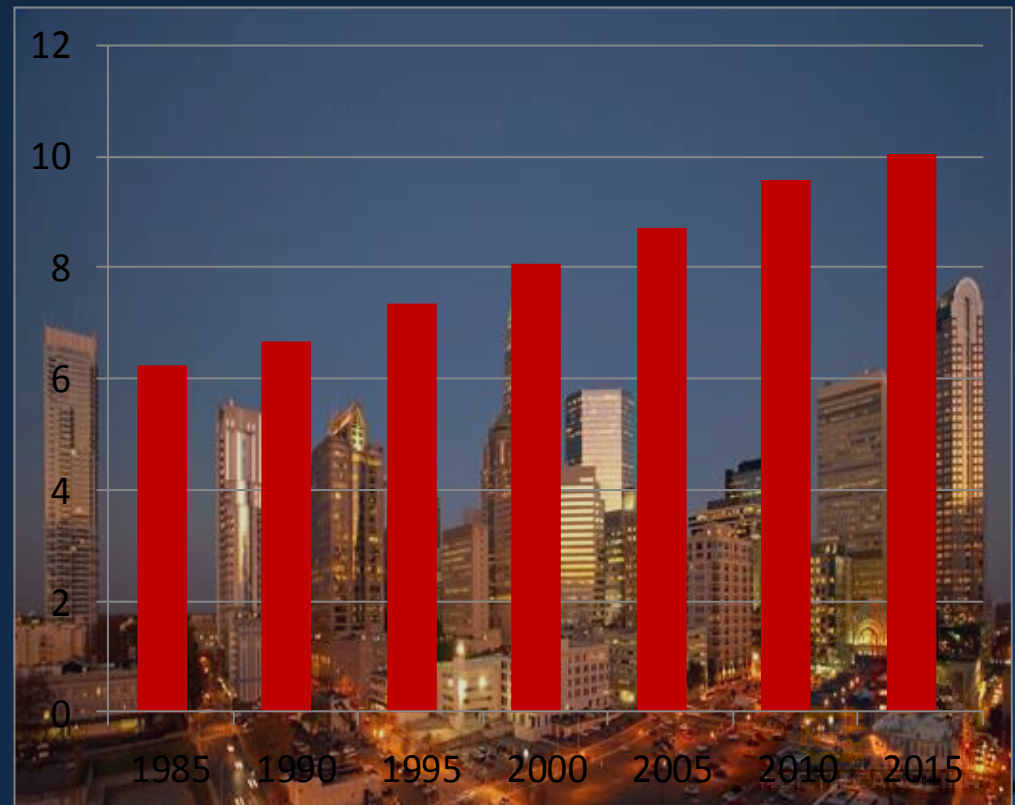


North Carolina Growth

9th most populous state

10+ million people (Decade ago: 8.7 million 11th)

*Growing & aging
population compounds
challenges of disaster
response & recovery*



North Carolina by the Numbers

- **100** Counties
- **4** Nuclear Facilities that can effect NC
- **1** Tribe: Eastern Band of Cherokee Indians
- **6** Metro areas
 - Charlotte
 - Raleigh - Durham
 - Greensboro - Winston-Salem - High Point
 - Rocky Mount- Wilson
 - Asheville
 - Wilmington
- **110** Colleges & Universities
 - 16 state universities
 - 58 community colleges
 - 36 private universities



NCEM at a Glance

- Housed within NC Department of Public Safety
 - NCEM Director reports to DPS Commissioner of Operations
- Homeland Security is included under NCEM
 - NCEM Director is Deputy Homeland Security Advisor
- 188 FTE Employees
- Funding from:
 - State appropriations
 - Federal funds
 - Receipts



North Carolina Emergency Management is National Leader

- **Nationally Accredited under the Emergency Management Accreditation Program with Zero Deficiencies**
- **Earned an Enhanced Hazard Mitigation Plan**
- **Internationally Recognized Search & Rescue Program**
- **Nationally Recognized Coastal Region Evacuation & Sheltering Guide**
- **Cutting Edge Plans & Tools to Enhance Public Safety**
 - **School Safety**
 - **Licensed Care Facilities**
 - **Dam Safety EAPs**
 - **Child Care Centers**
 - Fuel Assurance**
 - Mental Health**
 - Flood Warning**



NCEM Priorities



Coordinate
emergency
Planning
& management



Provide specialized
Training
for emergency responders
& local officials



Administer
disaster
Recovery
& Hazard
Mitigation
programs



Support locals
in emergency
Response



Increase public awareness &
Preparedness
for threats & hazards

SERT Director

Joint
Information
Center

Business
Operations
Center

Fiscal

Logistics

Training
Exercises
Logistics support

Plans

Homeland
Security
Radiological Safety
Natural Hazards
Technical Hazards

Risk Management

Impact Modeling
IT / Applications
Flood Risk / Alert
Hazard Mitigation
Data Analysis
Geodetic Survey

Operations

Field Staff
24 Hour Center
Emergency
Services
Human Services
Civil Air Patrol

Recovery

Individual Assistance
Public Assistance
Hazard Mitigation



Concept of Operations

All **disasters start & end locally** and are managed on a daily basis at the closest possible geographical, organizational and jurisdictional level

Commitment: To provide a **four-tiered response** to any major disaster which is:

Locally centered,

Regionally augmented,

State backed

& Federally assisted,

Where all Counties have some capability to respond to significant events.



Local Role

- Local governments (counties or municipalities) respond to daily emergencies
- Use own resources *OR*
- Use mutual aid (via agreements w/other jurisdictions)
- If beyond local capability, EM director can request state assistance
- Request made through NCEM



State Role

- NCEM backs local governments
- Provides state resources such as SAR teams, RRT, staffing help, etc.
- Use mutual aid (via EMAC or agreements with other states)
- Provides training & funding support



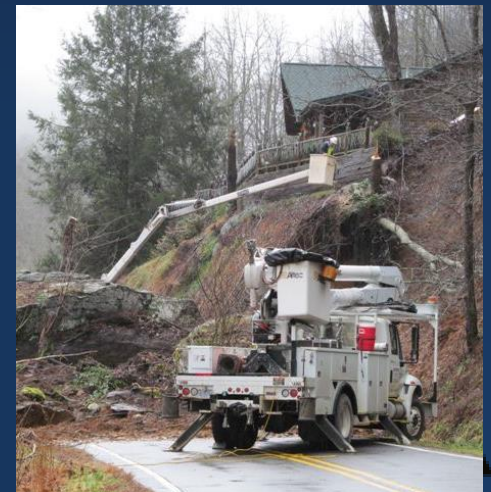
Federal Role

- If beyond state capability, governor can request federal assistance
- Request made through FEMA
- FEMA *may* pre-position with NCEM for large storms
- FEMA provides resources and funds for disaster response & recovery
- FEMA leads recovery efforts on federally-declared disasters



Our role is consequence management

- ✓ Search and Rescue
- ✓ Provide Mass Care
- ✓ Protect Life and Property
- ✓ Provide Incident Management
- ✓ Supplement Local Resources
- ✓ Help Communities Recover



Experienced

- ✓ Hurricanes
- ✓ Winter Storms
- ✓ Tornadoes
- ✓ Floods
- ✓ Hazardous Material Spills
- ✓ Forest Fires
- ✓ Earthquake
- ✓ Transportation Accidents
- ✓ Water System Failures
- ✓ Missing Persons



Possibilities

- Drought
- Pandemic Flu
- Chemical /Biological Attack
- Nuclear Attack
- School Attack
- Infrastructure/System Failures
- Nuclear Power Issue
- Airplane Crash
- Animal Disease
- Food Contamination



Actions During Emergencies

- Evaluate required resources
- Activate State EOC – including all SERT partners
- Dispatch requested state resources; coordinate and manage the resources
- Governor declares a State of Emergency
- Notify FEMA re: EOC activities/level
- Establish County Receiving and Distribution Points
- Identify additional needed resources
- Use WebEOC, our critical incident management system
- Coordinate resources with other states
- Demobilize response & transition to recovery



Activation Levels

Level 5 – Normal Operations

Level 4 – Local Event; some support

Level 3 – Partial Activation

Level 2 – Full Activation

Level 1 – Full Activation
+ Federal Support



Typical Mission Requests

- ✓ Auxiliary power
- ✓ Public / Functional needs shelter
- ✓ Food, water & ice
- ✓ Security & traffic control
- ✓ Search & rescue
- ✓ Debris clearance
- ✓ EMS & fire fighting



Disaster Declaration Thresholds in SE US

State	Threshold
North Carolina	\$13,445,031
South Carolina	\$6,521,763
Georgia	\$13,659,591
Florida	\$26,509,847
Tennessee	\$8,948,008
Mississippi	\$4,183,889
Alabama	\$6,739,428
Kentucky	\$6,118,507

Total uninsured losses must meet/exceed threshold to ask for federal financial assistance to offset cost to communities for emergency protective measures, facility repair and debris removal.



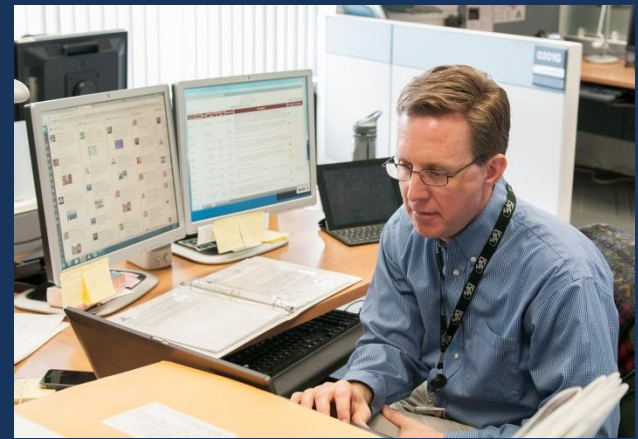
Regional Coordination Centers

- Liaise with counties
- Submit resource requests
- Provide staff support for counties



Joint Information Center

- Conduct media interviews
- Send safety messages to media
- Coordinates messaging among SERT partners
- Write/send news release
- Post to social media
- Host News Conferences



Emergency Services

- Fire & Rescue
- Disaster Medical
- Law Enforcement
- Search & Rescue
- Hazardous Materials



Human Services

- Shelters
- Mass Feeding
- Mental Health
- Public Health
- Public Water Supply
- Food Banks
- Animal Care



Infrastructure

- Transportation
- Debris Removal
- Public Works
- Engineering
- Energy



Logistics Operations

- Personnel & supplies
- Donations management
- National Guard resources
- Div. of Adult Corrections

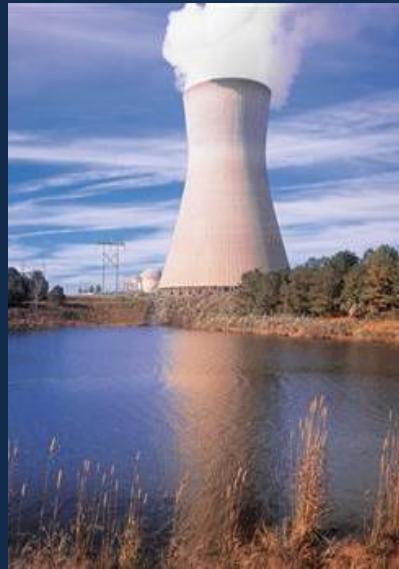
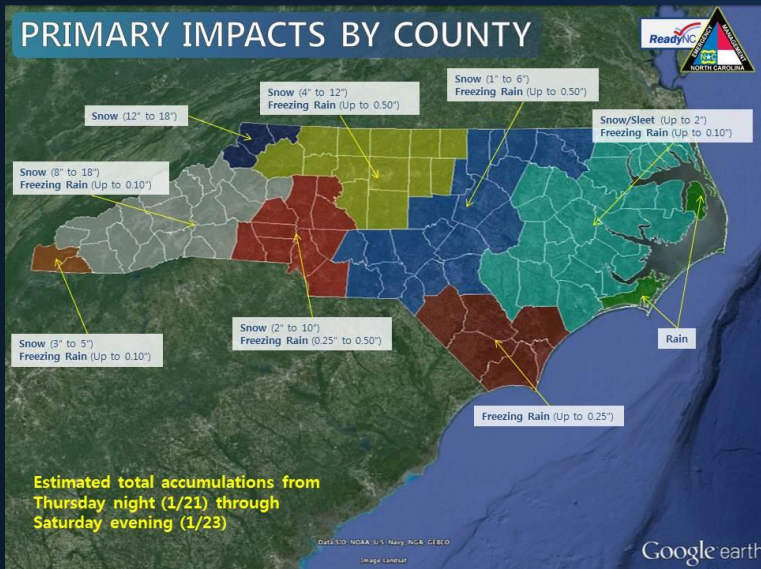


- Purchasing
- Services & equipment
- State-wide mutual aid
- EM Assistance Compact



Plans & Homeland Security

- Disaster Planning
- Homeland Security
- Radiological Protection
- Collect Information
- Develop Situation Reports & Incident Action Plans
- Manage situational awareness on Web EOC

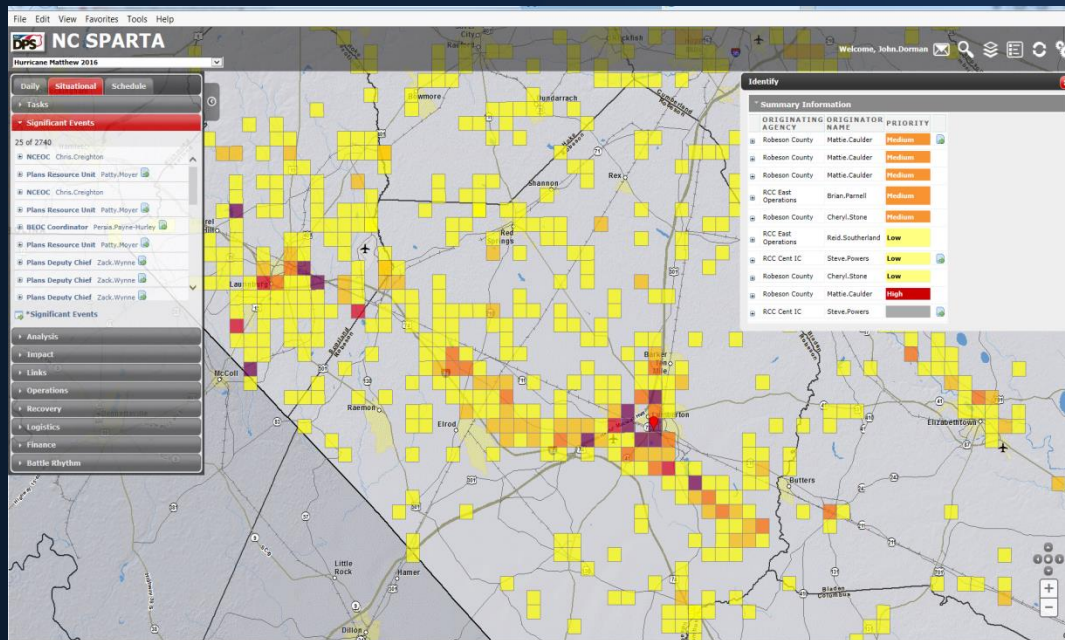
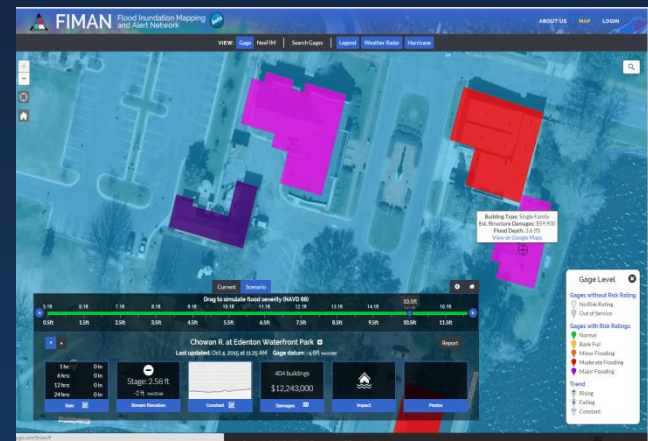


Recovery Section

- Individual Assistance
- Public Assistance
- Hazard Mitigation



- Hazard Impact Modeling and Analysis
- Risk Management Plan Apps
- Data Acquisition & Analysis
- Floodplain mapping / warning
- Mitigation Planning
- Web EOC / IT Systems / Apps
- Geodetic – Unmanned Aircraft





SERT State Agencies

- **NCDPS** (Lead Agency) – *NCEM, Corrections, SHP, NCNG, ALE*
- **Administration** – *Purchase & Contract, Facility Mgmt.*
- **Insurance** – *Fire Marshal's Office, Building Inspections*
- **Labor** – *OSHA*
- **Agriculture** – *Food Safety, Animal Protection, Forestry, Crop Damage & Insurance*
- **Transportation** – *Debris Clearance, Road /Bridge Repair, Snow & Ice Removal, Hwy. Mgmt.*
- **Public Instruction** – *School Safety, School Buses*
- **Commerce** – *Economic Development, Retail Merchant's Association*
- **Health & Human Services** – *Public Health, Office of Emergency Medical Services, Mental Health, Social Services (Shelters), Radiation Protection*
- **Environment & Natural Resources** – *Air and Water Quality, Public Water Supply, Dam Safety, Landslides*
- **Cultural Resources** – *Historic Sites, Museums*
- **NCSU** – *Coop. Extension – Agriculture Advice, Support to Disaster Impacted Communities*





SERT Volunteers

- ✓ American Red Cross
- ✓ Salvation Army
- ✓ Amateur Radio
- ✓ Telephone Pioneers
- ✓ Food Banks
- ✓ Hearts with Hands
- ✓ State Bar
- ✓ United Way
- ✓ Lutheran Disaster Response
- ✓ Mennonite Disaster Services
- ✓ Catholic Social Ministries
- ✓ N.C. Baptist Men
- ✓ Adventist Disaster Response
- ✓ Volunteer Administrators
- ✓and many others



All Disasters are *NOT* Equal

Type 1

- Smaller, localized
- State responds without federal assistance
- Usual cost share: state 75%, local 25%
- Examples:
East NC tornadoes 2014
West NC flooding 2013

Type 2

- Larger damage area (several counties)
- Federal assistance needed
- Usual cost share: FEMA 75 %, state 25%
- Examples:
April 2011 tornadoes,
Hurricane Irene in 2011

Type 3

- Widespread, catastrophic damage
- Federal assistance needed
- Usual cost share range: FEMA 75-90% state 10-25%
- Example:
Hurricane Matthew in 2016



NCEM Response To Man-Made Hazards



Response to Man-Made Hazards

- ✓ Civil Disturbance
- ✓ Hazardous Materials
- ✓ Airplane Crash
- ✓ Active Shooter
- ✓ Fixed Nuclear Facilities
- ✓ Fuel Shortage
- ✓ Terrorism – Bio, WMD, IND, etc.
- ✓ Infrastructure Failure
- ✓ Cyber Response



Response Steps

1. NCEM Ops Center is Notified by Local EM.
2. NCEM Ops Center refers to Checklist & Notifies Specific Personnel & Agencies depending on Type of Event.
3. If warranted, State EOC is Activated by NCEM.
4. A Technical Lead is Notified to Report to SEOC for Incident Management with SERT Leader:
 - a) Civil Disturbance – DPS Commissioner of Operations
 - b) Fixed Nuclear Facilities – Chief of Radiation Protection
 - c) Cyber Response – State CIO
 - d) Fuel Shortage – State Energy Program @ DEQ



Response Steps

5. NCEM is now Integrated into the State Emergency Response Team (SERT).
6. The SERT now works with the Technical Lead and Local Officials to Provide the Proper Resources in order to successfully Address the Hazard.





Explosion at Colonial Tank Farm in Greensboro



Role of NCEM

1. NCEM Ops Center notified by Local EM
2. NCEM notifies the Regional Response Team for Hazardous Materials (RRT).
3. NCEM deploys Area Coordinator to Manage State Resources On Scene.
4. NCEM notifies other pertinent Agencies.
5. As the Incident moves past one Operational Period, NCEM is responsible for Backfilling the initial RRT with other RRTs.
6. NCEM provides coordinates Resources as Required.



Charlotte 2016 Public Disturbance













Role of NCEM

1. DPS & NCEM monitors situation to ensure readiness.
2. NCEM alerts local & state Law Enforcement as well as NC National Guard.
3. NCEM deploys Area Coordinator On Scene to serve as Liaison Officer.
4. As Situation escalates, SERT Leader activates State EOC & DPS Commissioner of Operations, reports to serve as the Technical Lead.



Role of NCEM

5. SERT coordinates to provide Charlotte with the following Resources:
 - a. 500+ NC National Guardsmen (Reaction Force)
 - b. 150 State Highway Patrol Troopers
 - c. 150 Local Law Enforcement Officers thru Mutual Aid
 - d. Communications Trailer w/Radios
 - e. Mobile Shower & Laundry Units
 - f. HVAC Units for Charlotte Armory
 - g. Provide Meals & Lodging for Troopers
 - h. Transportation for NCNG



Are You Ready?

